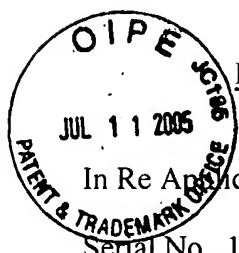


PATENT

ATTORNEY DOCKET: N1280-00025

[TSMC2002-1189]



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Yi-Lung Cheng

Confirmation No. 8682

Serial No. 10/716,818

Examiner: Richard A. Booth

Filed: November 19, 2003

Group Art Unit: 2812

For: METHOD AND SYSTEM FOR FABRICATING A COPPER BARRIER LAYER
WITH LOW DIELECTRIC CONSTANT AND LEAKAGE CURRENT

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail and addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date: 7/8/05

By: Joseph A. Powner

M.S. Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Enclosed herewith is an Information Disclosure Statement pursuant to 37 CFR. § 1.56 in connection with the above-identified application, which statement is being filed:

☐ Together with the present application.

☒ Before the first Office Action on the merits or three (3) months from the filing date of this application, whichever occurs last. [37 CFR § 1.97(b)]

☐ After the first Office Action on the merits, but before a Final Office Action under §1.113 or Notice of Allowance under §1.311, whichever occurs first. [37 CFR §1.97(c)]. (Either the fee or certification is provided, as set forth below).

☐ After a Final Office Action under §1.113 or Notice of Allowance under §1.311, but prior to or with payment of the Issue Fee. [37 CFR §1.97(d)]. The fee and certification are provided, as set forth below).

Consistent with Applicant's obligations pursuant to 37 CFR §§1.97 and 1.98, the following requirements have been met:

☒ No separate requirements are needed.

☒ No additional fee is required.

Fee Under 37 CFR § 1.97(c) or 1.97(d)

☐ The fee of \$180.00 for submission of an IDS under § 1.97(c) as set forth in § 1.17(p) accompanies this statement.

☐ Please charge the fee of \$180.00 for submission of an IDS under § 1.97(c) or (d) as set forth in § 1.17(p) to Deposit Account 04-1679.

Certification Under 37 CFR § 1.97(e)

The undersigned certifies:

☐ 1 that each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or

☐ 2 that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.

Provision of Copies of References

☒ A copy of each of the non-patent references listed on the attached Form PTO-1449 is enclosed herewith and forms a part hereof.

☐ Partial Translations of References are enclosed herewith and form a part hereof.

☐ A copy of the European Search Report from a corresponding or related EPO application is enclosed herewith.

☐ A copy of the International Search Report from a corresponding or related PCT application is enclosed herewith.

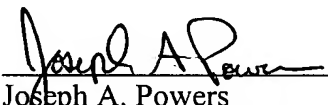
Identification of Prior Application(s) In Which Listed Information Was Already Cited And For Which No Copies Are Submitted Or Need Be Submitted

[] This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior U.S. Application No(s). The following references were submitted to, and/or cited by, the Office in the prior application(s) and therefore are not required to be provided in this application: previously submitted

The Commissioner is hereby authorized to charge any fees associated with this communication or credit any overpayment to Deposit Account No. 04-1679.

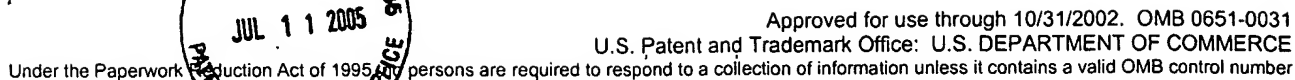
Respectfully submitted,

Date: 7/8/05



Joseph A. Powers
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(use as many sheets as necessary)

Application Number	10/716,818
Filing Date	November 19, 2003
First Named Inventor	Y-Lung Cheng
Art Unit	2812
Examiner Name	Richard A. Booth
Attorney Docket Number	N1280-00025

Sheet	1	of	2
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[illegible][illegible]Date
Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/716,818
				Filing Date	November 19, 2003
				First Named Inventor	Yi-Lung Cheng
				Art Unit	2812
				Examiner Name	Richard A. Booth
				Attorney Docket Number	N1280-00025
Sheet	2	of	2		

[illegible]

Examiner Signature		Date Considered	
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.